

```

0000:      1 * *****
0000:      2 * * COPYRIGHT 1982      *
0000:      3 * * FROBCO ALL RIGHTS RESERVED *
0000:      4 * *                      *
0000:      5 * *****
0000:      6 *
0000:      7 * AUTHOR: KEN CLEMENTS
0000:      8 * DATE: 10/13/82
0000:      9 * LAST MODIFIED: 1/27/83
0000:     10 * VERSION 1.3
0000:     11 * PAGE MOVE
0000:     12 *
----- NEXT OBJECT FILE NAME IS PMOVE.OBJ0
0300:     13      ORG      $300
0300:A2 00     14 PMOVE  LDX      #0
0302:BD 00 10     15 PM1   LDA     $1000,X
0305:9D 00 10     16 PM2   STA     $1000,X
0308:E8         17      INX
0309:D0 F7       18      BNE     PM1
0304:         19 PFROM  EQU     PM1+2
0307:         20 PTO    EQU     PM2+2
030B:8E 03 03     21      STX     PFROM-1
030E:8E 06 03     22      STX     PTO-1
0311:60         23      RTS
0312:         24 *
0312:         25 *
0312:         26 * HERE IS A ROUTINE TO LOAD OR
0312:         27 * UNLOAD THE FROB
0312:         28 *
0312:00         29 FSLOT   DFB     0          ; SLOT NUMBER FOR THE FROB
0313:00         30 LFROM   DFB     0          ; WHERE IN MEMORY TO LOAD TO/FROM
0314:00         31 LNPGS   DFB     0          ; HOW MANY PAGES TO TRANSFER
0315:00         32 STPAGE  DFB     0          ; WHAT FROB PAGE TO START WITH
0316:         33 *
0316:A9 03       34 DNLOAD  LDA     #<PTO      ; PICKUP HIGH ORDER ADDRESS PART
0318:8D 65 03     35      STA     TX+2 ; SETUP FOR DOWNLOAD
031B:A9 07       36      LDA     #>PTO ; PICKUP LOW ORDER ADDRESS PART
031D:8D 64 03     37      STA     TX+1
0320:A9 03       38      LDA     #<PFROM
0322:8D 77 03     39      STA     TX1+2
0325:8D 89 03     40      STA     TX2+2
0328:A9 04       41      LDA     #>PFROM
032A:8D 76 03     42      STA     TX1+1
032D:8D 88 03     43      STA     TX2+1
0330:4C 4D 03     44      JMP     FXFER
0333:         45 *
0333:A9 03       46 UPLOAD  LDA     #<PFROM
0335:8D 65 03     47      STA     TX+2
0338:A9 04       48      LDA     #>PFROM
033A:8D 64 03     49      STA     TX+1
033D:A9 03       50      LDA     #<PTO
033F:8D 77 03     51      STA     TX1+2
0342:8D 89 03     52      STA     TX2+2
0345:A9 07       53      LDA     #>PTO
0347:8D 76 03     54      STA     TX1+1
034A:8D 88 03     55      STA     TX2+1
034D:         56 *
034D:AD 14 03     57 FXFER   LDA     LNPGS
0350:F0 34       58      BEQ     EXIT      ; DON'T DO FOR 0 PAGES
0352:A9 00       59      LDA     #0
0354:8D 06 03     60      STA     PTO-1
0357:8D 03 03     61      STA     PFROM-1
035A:A9 C0       62      LDA     #$C0
035C:8D 7D 03     63      STA     PPOINT+2
035F:18         64      CLC
0360:6D 12 03     65      ADC     FSLOT
0363:8D 07 03     66 TX     STA     PTO
0366:29 07       67      AND     #7          ; GET SLOT NUMBER BACK
0368:18         68      CLC          ; ADD IN DEV SELECT OFFSET
0369:69 08       69      ADC     #8
036B:0A         70      ASL     A          ; SHIFT IT OVER TO
036C:0A         71      ASL     A          ; FORM LOWER BYTE OF
036D:0A         72      ASL     A          ; DEVSEL ADDRESS FOR SLOT
036E:0A         73      ASL     A
036F:8D 7C 03     74      STA     PPOINT+1
0372:AD 13 03     75      LDA     LFROM      ; MEM PAGE ADDRESS

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0375:8D 04 03 76 TX1 STA PFROM
0378: 77 *
0378:AD 15 03 78 LDLOOP LDA STPAGE ; FROB START PG
037B:8D E8 03 79 PPOINT STA 1000 ; FROB PAGE SELECT
037E:20 00 03 80 JSR PMOVE
0381:CE 14 03 81 DEC LNPGS
0384:D0 01 82 BNE TX2 ; KEEP GOING UNTIL 0
0386:60 83 EXIT RTS
0387:EE 04 03 84 TX2 INC PFROM
038A:EE 15 03 85 INC STPAGE
038D:4C 78 03 86 JMP LDLOOP
0390: 87 *
0390: 88 * HERE IS A UTILITY LINKAGE TO SOME MONITOR ROUTINES:
0390: 89 *
0390: 90 * LINK TO THE PRINT CHAR ROUTINE
0390:00 91 LINK DFB 0
0391:AD 90 03 92 PCHR LDA LINK ; PUT CHAR IN A
0394:4C ED FD 93 JMP $FDED ; MONITOR ENTRY POINT
0397: 94 * LINK TO THE PRINT HEX ROUTINE
0397:AD 90 03 95 PHEX LDA LINK ; PUT BYTE IN A
039A:4C DA FD 96 JMP $FDDA ; GO DO IN MONITOR
039D: 97 *
039D: 98 * ROUTINE TO PUT OUT ONE HEX DIGIT
039D:AD 90 03 99 PHEXD LDA LINK ; GET DIGIT
03A0:29 0F 100 AND #$0F ; DUMP HIGH PART
03A2:C9 0A 101 CMP #$0A ; SEE IF IN NUMERIC
03A4:90 05 102 BCC NONALF ; IF SO DONT OFFSET
03A6:69 B6 103 ADC #$B6 ; SHIFT IT UP
03A8:4C ED FD 104 JMP $FDED ; GO PRINT IT
03AB:69 B0 105 NONALF ADC #$B0 ; OFFSET FOR NUMERIC
03AD:4C ED FD 106 JMP $FDED ; GO PRINT IT
03B0: 107 *
03B0: 108 *
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\007*** SUCCESSFUL ASSEMBLY: NO ERRORS

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?0316 DNLOAD	0386 EXIT	0312 FSLOT	034D FXFER
0378 LDLOOP	0313 LFROM	0390 LINK	0314 LNPGS
03AB NONALF	?0391 PCHR	0304 PFROM	?0397 PHEX
?039D PHEXD	0302 PM1	0305 PM2	0300 PMOVE
037B PPOINT	0307 PTO	0315 STPAGE	0375 TX1
0363 TX	0387 TX2	?0333 UPLOAD	

PMOVE

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0300 PMOVE
0307 PTO
0315 STPAGE
0363 TX
0386 EXIT
?0397 PHEX

0302 PM1
0312 FSLOT
?0316 DNLOAD
0375 TX1
0387 TX2
?039D PHEXD

0304 PFROM
0313 LFROM
?0333 UPLOAD
0378 LDLOOP
0390 LINK
03AB NONALF

0305 PM2
0314 LNPGS
034D FXFER
037B PPOINT
?0391 PCHR